

PRACTICE (no calculator)

Show your work

1)  $\frac{1}{4} + \frac{13}{20}$

2)  $\frac{14}{15} - \frac{1}{3}$

3)  $\frac{3}{7} \cdot \frac{9}{10}$

4)  $\frac{4}{5} \div \frac{16}{17}$

5)  $8 \frac{1}{3} + 5 \frac{1}{2}$

6)  $4 - 1 \frac{2}{3}$

**ADDING**

- 1) Find Common Denominator
- 2) Change to equiv fractions
- 3) Add numerators, keep same denom.
- 4) Add whole numbers
- 5) Simplify

**MULTIPLYING**

- 1) Change to Improper Fractions
- 2) Cancel numerator to denominator if possible
- 3) Multiply straight across
- 4) Simplify

**SUBTRACTING**

- 1) Change to Improper Fractions
- 2) Find Common Denominator
- 3) Change to equiv fractions
- 4) Subtract num., keep same denom.
- 5) Simplify

**DIVIDING**

- 1) Change to Improper Fractions
- 2) Keep, Change, Flip multiply by reciprocal
- 3) Cancel numerator to denominator if possible
- 4) Multiply straight across
- 5) Simplify

7)  $\frac{1}{3} \div 2 \frac{2}{3}$

8)  $5 \frac{7}{8} \cdot 5 \frac{2}{5}$

9)  $2 \frac{3}{8} \cdot 1 \frac{3}{5}$

10)  $9 - 6 \frac{3}{5}$